

ABSTRACT OF THE DISCLOSURE

A flexible hose adapted construction for conveying fluids under pressure. The construction includes a core tube having a circumferential inner core tube surface and an opposing circumferential outer core tube surface. A first reinforcement layer surrounds the outer core tube surface, and is formed of one or more filaments of a first fiber. A second fiber reinforcement layer surrounds the first reinforcement layer, and is formed of one or more filaments of a second fiber. The first and second reinforcement layers are bonded together by means of a bonding agent such as an adhesive, resin, plasticizer, tackifier, or solvent, the application of which is controlled to wet only a portion of the filaments of the reinforcement layers.